

Chemistry Report for Case # P-18-0169

General

Submitter: C. L. Hawthaway & Sons Corp.

Contact: Kevin Gauthier

Contact Telephone No.: (781) 592-6444 Ext. 130

TS No.: 04CL18

Chemist: Drake, Bethany

Contractor Support: Y

PV Init (kg/yr): [REDACTED]

PV Max (kg/yr): [REDACTED]

Binding Option: ☐

Exposure-Based Review: [REDACTED]

Manufacture: ☒

Import: ☐

CAS Number: [REDACTED]

Chemical Name [REDACTED]
[REDACTED]
[REDACTED]
[REDACTED]

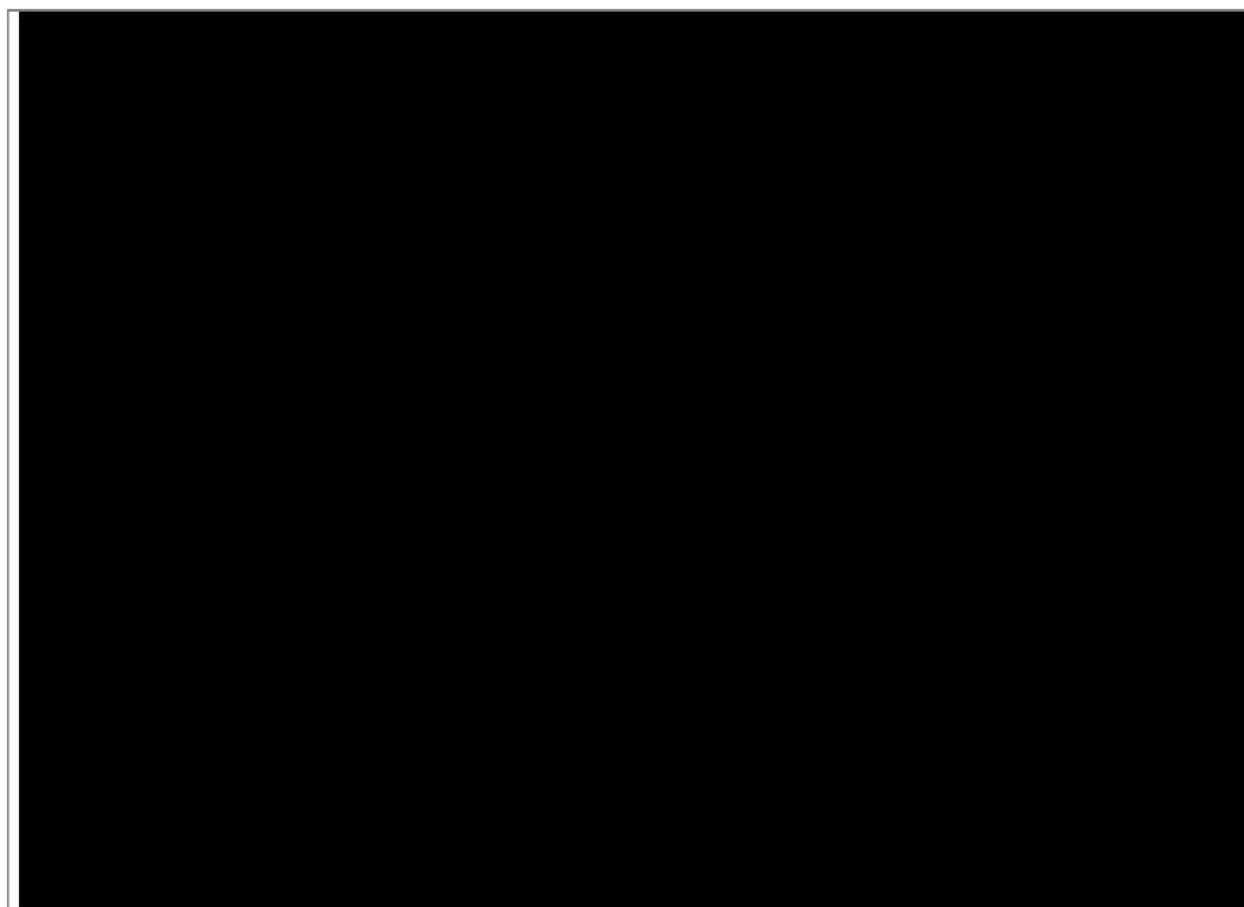
Trade Name: Hauthane L3685, Hauthane L3791

IES Order: [REDACTED]

Generic Name: Propanoic acid,
3-hydroxy-2-(hydroxymethyl)-2-methyl-, polymer with dimethyl carbonate,
1,6-hexanediol, diamine and 1,1'-methylenebis[4-isocyanatocyclohexane],
acrylate-blocked, compds. with triethylamine

Chemical Structure





Physical Chemical Properties

Molecular Formula: [REDACTED]	Molecular Weight: 10000.0
H15 N	
% < 500: 0.5	% < 1000: 0.5
MP:	MP Estimate:
BP:	BP Pressure:
BP Estimate:	
VP (Torr):	VP Estimate (Torr): <0.000001
Water Solubility (g/L):	Water Soluble Estimate (g/L): Dispersible
Log P:	Log P Estimate:
Physical State — Neat: Solid (est)	Physical State — Manuf: Solution: 35.75% in aqueous dispersion

Physical State — Processing: NA
Physical State — End Use: Destroyed

Additional Chemical Info

The structure drawn is representative and is consistent with IR spectrum provided; [REDACTED].
NAVG MW = 10,000
with 0.5% <500 and 0.5% <1000 by GPC.
Submitted data: Density = 1.06 g/cc, pH = 8. The MSDS states that the PMN substance is dispersible in water.
Estimated data: VP < 1.0E-6 torr (high MW salt).
Acrylate FGEW = [REDACTED]
The molecular weight as drawn on page 1 of this report is [REDACTED] g/mole.

Uses

Consumer Use? No

Use:

Other Uses:

Reaction Description

Pollution Prevention Analysis(P2 Analysis:)

None.

Analogs**Comments/Telephone Log**

Artifact	Update/Upload Time